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Commissioner for Patents  
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PATENT  
Attorney Docket No.: 018865-004410US  
Client Ref. No.: 17732-14000.003

On 11-16-04

TOWNSEND and TOWNSEND and CREW LLP

By: [Signature]

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Honorio T. Granada  
Rajeev Joshi

Application No.: 10/660,866

Filed: September 11, 2003

For: FLIP CHIP SUBSTRATE DESIGN

Customer No.: 20350

Confirmation No. 8678

Examiner: Not Yet Assigned

Art Unit: 1641

PRELIMINARY AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to examination of the above-referenced application, please enter the following amendments and remarks:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 4 of this paper.